Oracle Fusion Cloud SCM

How do I set up Oracle Advanced Inventory Management?

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Get Help

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Get Help

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Chapter 1
Introduction

1 Introduction

Who's the target user?

- Inventory, Shipping, or Warehouse managers
- Warehouse staff:
  - Receiving agents
  - Shipping agents
  - Warehouse operators

What's Oracle Advanced Inventory Management?

An add-on to the Oracle Fusion Cloud Inventory Management and Supply Chain Execution portfolio that provides a low-complexity (light) warehouse management solution.

How it's different from Oracle Inventory Management?

Implementation	Operations	Warehouse Type
Oracle Fusion Cloud Inventory Management	A comprehensive solution for organizations with various levels of supply chain complexity.	A small manufacturing plant, healthcare clinic, or hospital
Oracle Fusion Cloud Advanced Inventory Management	A streamlined solution to manage basic to moderately complex warehouse operations.	Satellite or off-site warehouse, or a manufacturing plant
Oracle Fusion Cloud Warehouse Management System	A comprehensive and scalable platform with advanced features for inventory tracking, automated receiving and shipping, task management, and so on.	Regional or national distribution centers

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What features do you get with Oracle Advanced Inventory Management?

Features	Functionality
Inventory task assignment and execution	• New task assignment page for managers to manage workload. • Create tasks for pick confirmation, cycle counting, physical counting, Periodic Automatic Replenishment (PAR) count, and receipt deliveries. • Assign, unassigned, and transfer tasks to operators. • New mobile tasks page for operators to view and execute assigned tasks.
LPN support	• Use License Plate Number (LPN) to perform receiving, put away, picking, packing, shipping, transfers, and counting activities. • Group items, assign unique LPN, and generate barcode label to affix to container for scanning. • Get visibility into LPN contents and ability to search by LPN.
Put away suggestions	• Configure process to guide warehouse operators on where to put away goods. • Define rules and logic to suggest put away location or location hierarchy for received goods. • Can suggest alternate storage locations in case the original location is full.
Assign load number to group shipments and shipment lines	• Create a load number to group shipment lines and shipments that will be transported together. • Identify goods and orders contained in load and ensure goods are processed and loaded together. • Search load number to find the shipment lines, shipments, and order numbers assigned to the load. • Assign, unassigned, or adjust the shipments and shipment lines in the load to address changes.
Cross-docking opportunity notification	• Specify which items are eligible for cross-docking. • Control when cross-docking is applicable. • Determine how far in advance open demand is considered for cross-docking. • Define how order outbound demands are considered for cross-docking to prioritize order fulfillment. • Automatic notification to supervisor of available cross-docking opportunity.
Deliver goods with robotic material handling	• Integrate your receipt deliveries with autonomous delivery robots to enhance the operational efficiency of your staff. • Streamline internal supply chain to enhance material management using autonomously guided delivery robots.
Track employee performance and rewards	• Set and monitor performance and throughput standards for your warehouse staff. • Set recognition benchmarks to measure overall performance and efficiency at the organization, zone, subinventory, and work level.

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Features	Functionality
	• Integrate rewards points based on the recognition policies. • Accumulate and redeem reward points based on the reward plans.
Manage employee shift schedules using Oracle Workforce Scheduling	• Optimize shift schedules for the available workers working in each zone within same or different deparment. • Specify scheduling groups to refine worker list and then assign tasks to workers based on the worker availability and current workload.

How do I set up Oracle Advanced Inventory Management?

Set up Tasks	Where to Find More Information
Before you start for the first time, check these: • Licensing requirements • Privileges and roles to set up and access features	• *Is Oracle Advanced Inventory included in my Supply Chain Execution subscription?* • *What are the required privileges and roles?*
• Required profile options • Enable profile options for advanced inventory features	• *Profile options for Oracle Advanced Inventory Management* • *How do I enable profile options for Oracle Advanced Inventory Management?*
Enable Advanced Inventory functional area for your organization	*How do I enable Oracle Advanced Inventory Management for my organization?*
Set up Advanced Inventory Parameters to configure advanced inventory features and task management.	*How do I set up Oracle Advanced Inventory Management features?*
Set up Inventory Task Configurations to enable task creation and assignments.	*How do I configure Oracle Advanced Inventory Management tasks?*
Enable License Plate Numbers (LPNs) for advanced inventory transactions.	*How do I enable LPN for Oracle Advanced Inventory Tasks?*
Enable cross-docking suggestions to notify users about cross-docking opportunities.	*How do I enable cross-docking notifications?*
Enable outbound loads to group shipment and shipment lines.	*How do I enable outbound loads for shipments and shipment lines?*
Set up put away suggestions to configure a priority order as to how the application determines the primary put away location for items.	*How do I set up priority order for locations to enable put away suggestions?*
Set up delivery carts using robotic material handling equipment	*How do I enable material handling equipment using delivery carts?*
Set up employee performance and reward plans	*How do I set up employee performance and rewards plan pages?*

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Chapter 2
Before You Start

2 Before You Start

Is Oracle Advanced Inventory included in my Supply Chain Execution subscription?

No, Advanced Inventory Management is a separately licensable feature.

You must have the add-on subscription to access Advanced Inventory Management features. Please contact your Oracle sales representative for details.

What are the required privileges and roles?

You need to have these duty roles and privileges enabled to get started.

Administration Privileges

To set up the Advanced Inventory Management features, you'll need a configured job role that contains this new duty role, which is not assigned to any predefined job roles.

Duty Role	Duty Role Code	Description
Advanced Inventory Management Administration Duty	ORA_INV_ADVANCED_INVENTORY_MANAGEMENT_ADMINISTRATION_DUTY	Admin role to set up features.
Advanced Inventory Management Duty	ORA_INV_ADVANCED_INVENTORY_MANAGEMENT_DUTY	Transactional role for a warehouse manager or inventory manager.
Advanced Inventory Transaction Duty	ORA_INV_ADVANCED_INVENTORY_MAINTENANCE_DUTY	Transactional role meant for a warehouse operator.

> **Note:** These duty roles are not assigned to any predefined job roles. You must manually assign these duty roles to configured job roles.

Admistration duty roles

Product Short Code	Duty Role	Privilege Title
INV	Advanced Inventory Management Administration Duty	Configure Inventory Tasks Using Responsive Inventory

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Product Short Code	Duty Role	Privilege Title
INV	Advanced Inventory Management Administration Duty	Manage Advanced Inventory Parameters
INV	Advanced Inventory Management Duty	Manage HCM Rules
INV	Advanced Inventory Management Duty	Use REST Service - Celebrate Award Program List of Values
INV	Advanced Inventory Management Duty	Use REST Service - Scheduling Lists of Values
INV	Advanced Inventory Management Duty	Use REST Service - Workers List of Values
INV	Advanced Inventory Management Duty	Configure Inventory Resource Zone Assignments Using Responsive Inventory
INV	Advanced Inventory Management Duty	Configure Inventory Task Performance and Reward Plans Using Responsive Inventory
INV	Advanced Inventory Management Duty	Manage HCM Rules
INV	Advanced Inventory Management Duty	Print Pending Inventory Activities Report
INV	Advanced Inventory Management Duty	Review Inventory Task Assignments Using Responsive Inventory
INV	Advanced Inventory Management Duty	Review Inventory Task Performance Using Responsive Inventory
INV	Advanced Inventory Management Duty	Use REST Service - Celebrate Award Program List of Values
INV	Advanced Inventory Management Duty	Use REST Service - Workers List of Values
INV	Advanced Inventory Transaction Duty	Generate License Plate Numbers
INV	Advanced Inventory Transaction Duty	Manage Outbound Loads
INV	Advanced Inventory Transaction Duty	Perform Inventory Tasks Using Responsive Inventory
INV	Advanced Inventory Transaction Duty	Print Label Requests
INV	Advanced Inventory Transaction Duty	Repack LPN Using Mobile Inventory
INV	Advanced Inventory Transaction Duty	Repack LPN Using Responsive Inventory
INV	Advanced Inventory Transaction Duty	Review My Inventory Task Performance Using Responsive Inventory
INV	Advanced Inventory Transaction Duty	View Advanced Inventory Management Usage

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Product Short Code	Duty Role	Privilege Title
INV	Advanced Inventory Transaction Duty	Use REST Service - Locations List of Values

Access Privileges

Users who are assigned these configured job roles that contains this duty role can access Advanced Inventory Management features:

Privilege Title	Privilege Code
Configure Inventory Zones Using Responsive Inventory	INV_CONFIGURE_INVENTORY_ZONES_USING_RESPONSIVE_INVENTORY_PWA_PRIV
Manage Advanced Inventory Parameters	INV_MANAGE_ADVANCED_INVENTORY_PARAMETERS
Configure Inventory Resource Zone Assignments Using Responsive Inventory	INV_CONFIGURE_INVENTORY_ZONE_ASSIGNMENTS_USING_RESPONSIVE_INVENTORY
Configure Inventory Task Performance and Reward Plans Using Responsive Inventory	INV_CONFIGURE_TASK_PERFORMANCE_REWARD_USING_RESPONSIVE_INVENTORY_P
Manage HCM Rules	HRC_MANAGE_HCM_RULES
Perform Actions on Inventory Tasks	INV_PERFORM_ACTIONS_ON_INVENTORY_TASKS_PRIV
Review Inventory Task Assignments Using Responsive Inventory	INV_REVIEW_INVENTORY_TASK_ASSIGNMENTS_USING_RESPONSIVE_INVENTORY_PW
Review Inventory Task Performance Using Responsive Inventory	INV_REVIEW_INVENTORY_TASK_PERFORMANCE_USING_RESPONSIVE_INVENTORY_PW
Use REST Service - Celebrate Award Program List of Values	CEL_REST_SERVICE_ACCESS_AWARD_PROGRAM_LOV
Use REST Service - Workers List of Values	PER_REST_SERVICE_ACCESS_WORKERS_LOV
Perform Inventory Tasks Using Responsive Inventory	INV_PERFORM_INVENTORY_TASKS_USING_RESPONSIVE_INVENTORY_PWA_PRIV
Repack LPN Using Mobile Inventory	INV_REPACK_LPN_MOBILE_PWA_PRIV
Repack LPN Using Responsive Inventory	INV_REPACK_LPN_PWA_PRIV
Generate License Plate Numbers	INV_GENERATE_LICENSE_PLATE_NUMBERS_PRIV
Print Pending Inventory Activities Report	INV_PRINT_PENDING_INVENTORY_ACTIVITIES_REPORT_PRIV
Print Label Requests	INV_PRINT_LABEL_REQUESTS

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Privilege Title	Privilege Code
Review My Inventory Task Performance Using Responsive Inventory	INV_REVIEW_MY_INVENTORY_TASK_PERFORMANCE_USING_RESPONSIVE_INVENTORY
View Advanced Inventory Management Usage	INV_VIEW_ADVANCED_INVENTORY_MANAGEMENT_USAGE_PWA
Put Away Goods Using Responsive Receiving Duty	ORA_RCV_PUT_AWAY_GOODS_PWA_DUTY
Put Away Management Duty	ORA_RCV_PUT_AWAY_MANAGEMENT_DUTY
Receiving Management Duty	ORA_RCV_RECEIVING_MANAGEMENT_DUTY
Monitor Receipt Deliveries Using Responsive Receiving Duty	ORA_RCV_MONITOR_RECEIPT_DELIVERIES_PWA_DUTY
Manage Shipments and Shipment Lines	WSH_MANAGE_SHIPMENT_AND_SHIPMENT_LINE_PRIV
Manage Outbound Loads	WSH_MANAGE_OUTBOUND_LOADS_PRIV
Put Away Goods Using Responsive Receiving Duty	ORA_RCV_PUT_AWAY_GOODS_PWA_DUTY
Put Away Management Duty	ORA_RCV_PUT_AWAY_MANAGEMENT_DUTY
Receiving Management Duty	ORA_RCV_RECEIVING_MANAGEMENT_DUTY
Enable Rewards Button in Inventory Task Performance	INV_ENABLE_REWARDS_BUTTON_IN_TASK_PERFORMANCE_PRIV
Enable Rewards Button in Inventory My Performance	INV_ENABLE_REWARDS_BUTTON_IN_MY_PERFORMANCE_PRIV

> **Note:** The Perform Inventory Tasks Using Responsive Inventory privilege, Print Pending Inventory Activities Report privilege, and Manage Outbound Loads privilege are not assigned to any predefined job roles. You must manually assign these privileges to configured job roles.

Profile options for Oracle Advanced Inventory Management

Enable these profile options as a one-time setup activity to implement advanced inventory features.

Profile Option Code	Description
ORA_INV_ZONES_AND_WORKER_ASSIGNMENTS_REDWOOD_ENABLED	Enables Inventory Zones and Zone Worker Assignments pages

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Profile Option Code	Description
ORA_INV_TASK_ASSIGNMENTS_AND_TASKS_REDWOOD_ENABLED	Enables the Inventory Task Assignments and Inventory Tasks pages
ORA_INV_REPACK_LPN_REDWOOD_ENABLED	Enables the Repack LPN pages
ORA_WSH_OUTBOUND_SHIPMENTS_REDWOOD_ENABLED	Enables the Outbound Shipments task to access the Outbound Loads page
ORA_INV_TASK_PERFORMANCE_REDWOOD_ENABLED	Enables Task Performance page
ORA_INV_MY_TASK_PERFORMANCE_REDWOOD_ENABLED	Enables My Performance page
ORA_INV_PERFORMANCE_AND_REWARD_PLANS_REDWOOD_ENABLED	Enables Performance Plans page

Related Topics
- How do I enable profile options for Oracle Advanced Inventory Management?

How do I enable profile options for Oracle Advanced Inventory Management?

Use manage inventory profile options and manage shipping profile options as a one-time activity to enable advanced inventory features.

1. In Setup and Maintenance, search for and select the required profile option task.
2. Search for the profile option code.
3. In the Profile Values section, set the **Site Level** to **Yes**. The default value is **No**.
4. Click **Save and Close**.

   For example, use manage inventory profile options if you want to enable inventory task assignment, inventory zones, zone worker assignment pages, and repack LPN pages. Use manage shipping profile options, to enable outbound loads page.

Related Topics
- Profile options for Oracle Advanced Inventory Management

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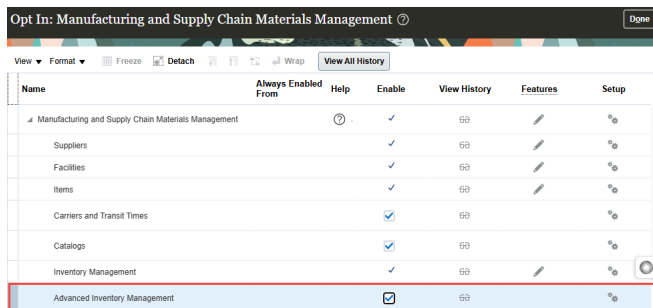
Chapter 3
Set Up and Configure

3 Set Up and Configure

How do I enable Oracle Advanced Inventory Management for my organization?

Use manufacturing and supply chain materials management offering to enable Advanced Inventory Management.

1. In Setup and Maintenance, select the Manufacturing and Supply Chain Materials Management offering.
2. Click **Change Feature Opt In**.
3. Select **Enable** checkbox next to the Advanced Inventory Management, and then click **Done**.

How do I set up Oracle Advanced Inventory Management features?

Use the Advanced Inventory Parameters task to set the Advanced Inventory Management features.

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Search for and select the organization, and then click ✎ to enable advanced inventory features.
3. Set up the feature parameters as needed, and then click **Save**.

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Chapter 3
Set Up and Configure

How do I configure Oracle Advanced Inventory Management tasks?

Use the Inventory Task Configurations task to enable task creation and task grouping criteria for activities, such as pick confirm, cycle count, physical count, Periodic Automatic Replenishment (PAR) count, and receipt delivery.

1. In Setup and Maintenance, search for and select **Inventory Task Configurations** task.
2. Search for and select the organization.
3. Select the **Enable task generation** checkbox for the listed activities to activate each task.

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Chapter 3
Set Up and Configure

4. Click **Save**.

   For activities, such as cycle count and physical count, select the **Task Grouping Rule** based on the definition, subinventory, or zone.

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Chapter 3
Set Up and Configure

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Chapter 4
Inventory Task Assignment and Execution

4 Inventory Task Assignment and Execution

How do I create a new task?

Use the Inventory Task Assignments page to create manual tasks, such as pick slips, cycle counts, physical counts, Periodic Automatic Replenishment (PAR) counts, and receipt deliveries.

Here's how:

> **Note:** Pick confirm, Cycle count, Physical count tasks are automatically generated. Open PAR Count Tasks is a manual task.

1. In the Inventory Management work area, click ▤ , and then select Inventory Task Assignments page.
2. Select the **Open PAR Count Tasks** tab from the score card, and then click **Create Task**.
3. Specify PAR subinventories, locators, and items to count.
4. Click **Create** or **Create and Assign** to create tasks and then assign them to the workers.

How do I assign and manage inventory tasks?

Use the Inventory Task Assignments page to manually assign tasks to workers to balance the workload.

1. In the Inventory Management work area, click ▤ and select the Inventory Task Assignments page.
2. Filter tasks by Status and Zone or view activity specific tasks from the score card.
3. Click **Assigned**, **Unassigned**, or **Recurring** toggles to view tasks.
4. Select the task you want assign and click ⧉ .
5. Assign task to workers working in other zones using the **Workers assigned to other zones** or use the **All workers** option to select workers who aren't assigned to any zone.
6. Expand worker card to view current workload.
7. Select the worker name and click **Assign**.

Related Topics
- How do I create a new task?
- How do I execute an assigned task?
- How do I create inventory zones and assign workers to zones?

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Chapter 4
Inventory Task Assignment and Execution

How do I execute an assigned task?

Use the Inventory Tasks mobile page to view and execute the assigned tasks.

Here's how:

1. In the Inventory Management mobile work area, click **Inventory Tasks**.
2. Search for and select the organization, and then click **Next**.
3. Click on a task card and do the required steps to execute the tasks.
4. Click **Confirm and Close** to complete the task and go back to the task page to check pending tasks.

   > **Note:** For some tasks, you may not see **Confirm and Close** button. After you complete the transaction, the task gets automatically closed and you are then redirected to the Inventory Tasks page.

Related Topics
- How do I create a new task?
- How do I assign and manage inventory tasks?
- How do I self-assign and execute tasks using mobile device?

How do I create inventory zones and assign workers to zones?

Use the Inventory Zones and Zone Worker Assignments task to create zones and then assign workers to them to manage tasks and workers efficiently. For example, in a warehouse, you may have a separate zone for fast moving electronic items or another zone for heavy furniture. You can then assign workers, subinventories, and location to the zones.

1. Create a New Zone

1. In the Inventory Management work area, click ▤ , select **Inventory Zones** task, and then click **Create**.
2. Enter the **Zone Name** and **Description** for the zone, and then click **Create**.
3. After you create a zone, add supported activities, subinventory, and locators.
   a. In the Activities section, click ⊞ Add , and then select supported activities.
   b. In the subinventories and locators section, click ⊞ Add , and then search for and select subinventories and locators.
4. Click **Add** to include them in the zone.
5. Click **Activate** to make the zone active.

2. Assign Workers to Zone

6. In the Inventory Management work area, click ▤ , select the **Zone Worker Assignments** task or select in-app navigation to go to the Zone Worker Assignments page.

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Chapter 4
Inventory Task Assignment and Execution

7.
Search for and select the zone name, and then click [+] .

View current assignments by zone or by worker. Use additional filter chips, such as Status and Activity Type for advanced search.

8. Select the activity type to assign workers.

9. Select **Assign workers from other zones** or **Assign new workers** option to select workers, and then click **Assign**.

   3. Assign Zones to Worker

     Alternatively, you can assign zones to workers.

10. In the Zone Worker Assignments page, click Zone filter chip, select Worker, and then click **Assign**.

11. Select Zone name and Activity Type, and then click **Assign**.

How do I self-assign and execute tasks using mobile device?

Use the Inventory Task mobile page to self-assign and execute tasks.

Here's how:

1. In the Inventory Execution work area or quick actions, select **Inventory Tasks**.
2. Search for and select the organization, and then click **Next**.
3. Click the **Unassigned** toggle to view unassigned tasks.
4. Open the task card and self-assign the task.
5. Click the **My tasks** button to view the self-assigned task.
6. Open the task card and complete the required steps to execute the task.

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Chapter 4
Inventory Task Assignment and Execution

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Chapter 5
Single Level LPN Management

5 Single Level LPN Management

How do I enable LPN for Oracle Advanced Inventory Tasks?

Use the Advanced Inventory Parameters task to enable License Plate Number (LPN) for your organization that supports both packed and loose (unpacked) material for the on-hand inventory. As a unique identifier, use LPN to perform receiving, shipping, transfer, and counting activities within Oracle Fusion Cloud Inventory Management.

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization, and then click ✏ .
3. Select the **Enable LPN** checkbox, and then set up these fields.

Field Name	Description
LPN Prefix	Prefix used for LPNs. For example, LPN-AIM-
LPN Suffix	Suffix used for LPNs. For example, LPN-AIM-XXXX-T1
Start LPN Number	A starting number to start LPNs. For example, 1001
Total LPN Length	Total length of the LPN number
Physical Inventory Counting Method	Count physical inventory by LPN or item. If set to LPN, you can count packed on-hand inventory by LPN.
Enable commingling projects	Select to comingle on-hand quantities associated with multiple projects.
Enable commingling tasks	Select to comingle on-hand quantities associated with different tasks related to a project.
Enable commingling countries of origin	Select to comingle on-hand quantities associated with different countries of origin.
UCC 128 suffix	Add a code 128 suffix to the LPN.

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Chapter 5
Single Level LPN Management

4. Click **Save**.

Disabling LPN

After you enable LPNs and use them in your inventory transactions but later you decide to stop using Advanced Inventory Management, then to undo features, such as LPN control and task management would've significant impact on your day-to-day inventory transactions.

You can disable an organization for an LPN if no subinventories or locators are defined as LPN enabled. To identify what needs to be disabled, you can use Print Pending Inventory Activities report to review this list:

- On-hand balances with LPN references.

- Pending cycle counts and physical inventories for LPN-enabled subinventories or locators.

- Open shipments with shipment lines associated with LPNs.

Note: You can choose to disable subinventories or locators for LPN control only when the report doesn't list any on-hand inventory, pending cycle counts, physical inventories, or open shipment lines with LPN references.

How do I generate LPN labels?

If you don't have pregenerated or preprinted License Plate Number (LPN) labels, generate and print LPN labels during receiving, shipping, and put away inventory transactions.

When you perform receiving, shipping, or put away transactions, you have the option to generate and print LPN labels instantly. For example, let's say you need an LPN enabled receipt and you don't have pregenerated LPNs.

Here's how:

1. In the Inventory Management mobile page, click the **Miscellaneous Transactions** task.
2. Select the organization that is LPN enabled, and then click **Continue**.
3. Click the **Account Receipt** task to create LPN receipt.
4. Select Receive By as **LPN**.

   Note: LPN option is available only if you have enabled LPN from the Advanced Inventory Parameters.

5. Click [⋯], and then click **Generate and Print LPNs** to generate new LPNs in defined but not used status.

   Note: If you don't use pregenerated LPNs, you can enter new LPN in the LPN field using the scan mode. This automatically generates a new LPN dynamically during the transaction. If the scanned LPN already exists in the system, you'll get an error message.

Use the **Generate LPNs** scheduled process to generate LPNs manually. This scheduled process overrides the LPN parameters you specified in the Advanced Inventory Parameters. When you generate LPNs by running the scheduled process, you get LPNs as **Defined but not used**.

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Chapter 5
Single Level LPN Management

The Gapless support ensures there are no gaps in LPN sequence. You can reuse LPNs for which the contents are transferred to another LPN as long as the LPNs aren't shipped or issued out.

Related Topics
- How do I enable LPN for Oracle Advanced Inventory Tasks?

How do I perform inventory transactions using LPN?

Use the Inventory Management mobile work area to perform miscellaneous inventory transactions using License Plate Numbers (LPNs).

1. Here's how:

1. Click the **Miscellaneous Transactions** task, and then select the organization that is LPN enabled.
2. Click the **Account Receipt** task to create LPN receipt.
3. Select Receive By as **LPN**.

   Note: LPN option is available only if you have enabled LPN from the Advanced Inventory Parameters.

4. Scan the LPN Barcode using the printed labels to create the LPN receipt.
5. Enter the account details, and then click **Continue**.
6. Scan the Item Barcode, enter all the required details to create the item receipt, and then click **Submit** to process the receipt.
7. Select the **Enter multiple lines** checkbox to create multiple item receipts in the same LPN.

   For example, you can add plain items, serial-controlled and lot-controlled items in the same LPN, and then receive all the items at once to process the receipt.

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Chapter 5
Single Level LPN Management

8. Navigate to **Inventory Management** > **Stocking Inquiry** task to verify the on-hand items in the LPN.

    a. Select the organization, and then click **Continue**.

    b. Select Find By as **LPN**, and then click **Continue**.

    c. Scan the LPN Barcode, and then click the LPN card to view the on-hand details.

9. Navigate to **Miscellaneous Transactions** > **Account Issue** task to issue transactions per LPN.

    a. Select Issue By as **LPN**, select the Account, and then click **Continue**.

    b. Scan the LPN Barcode, select the items to be issued, and then click **Submit**.

    c. Select the **Enter multiple lines** checkbox to partially issue items in the LPN.

    d. Scan **Item Barcode** for each item, and then enter subinventory, locator, lot or serial numbers, and LPN details.

    e. Enter partial or full quantity as desired, and then click **Add to List**.

    f. Click **Issue All** to issue items out of the LPN.

    g. Navigate to **Inventory Management** > **Stocking Inquiry** task to verify the on-hand items in the LPN. See Step 8.

Related Topics

- How do I generate LPN labels?
- How do I enable LPN for Oracle Advanced Inventory Tasks?

How do I put away items in different LPNs and store in different locators?

You can receive the items as packed License Plate Numbers (LPNs), and then unpack the LPN to put away individual items in different LPNs, to store in different locators.

    1. Here's how:

1. In the Inventory Management mobile page, click **Receive Goods** task to create a receipt.

    a. Select the organization that is LPN enabled, and then click **Continue**.

    b. Select Receive By as **LPN**, enter or scan the Order Number, and then click **Continue**.

    c. Click or scan the LPN card to view the items in this LPN.

    d. Select the **Receive as packed** checkbox to receive all items as LPN, and then click **Receive LPN**.

    e. Enter or scan the **To LPN**, click **Done**, and then click **Receive All**.

    f. View received items details under **Items in this receipt** section, and then click **Submit**.

2. In the Inventory Management mobile page, click **Put Away Goods** task.

    a. Select the organization that is LPN enabled, and then click **Continue**.

    b. Select Put Away By as **Receipt** to put away items to different locators.

    c. Enter the receipt number, and then click **Continue**.

    d. Click **Generate and Print LPNs** to generate new LPNs.

    e. Scan or click on the item card. Enter the required details.

    f. Scan the **To LPN** to assign LPN to the items and click **Put Away**.

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Oracle Fusion Cloud SCM
How do I set up Oracle Advanced Inventory Management?

Chapter 5
Single Level LPN Management

Related Topics
- How do I generate LPN labels?
- How do I enable LPN for Oracle Advanced Inventory Tasks?

How do I split and repack LPNs?

Use the **Repack LPN** task or use the **Item Quantities** task in Inventory Execution work area to repack License Plate Numbers (LPNs).

> **Note:** You can perform the **Repack LPN** action to transfer the contents of an LPN to a new LPN only when the LPNs are in an **In inventory** status.

This initiates a transfer action to move the LPN contents into a new LPN with an **In inventory** LPN status or to an existing LPN, available in the same location.

Additional LPN actions include:

- **LPN Pack** - Packs loose material in a location into an LPN after ensuring that the corresponding subinventory and locator have an LPN setup of packed and loose items.
- **LPN Unpack** - Unpacks packed material in a location into loose after ensuring that the corresponding subinventory and locator have an LPN setup of packed and loose items.
- **LPN Split** - Breaks and distributes an LPN's packed contents into one or more LPNs.

Optionally, you can perform these LPN-triggered transactions using mobile inventory:

- Issue an LPN using the Miscellaneous Issue transactions
- Move an LPN from one location to another using the Subinventory Transfer transactions
- Move the LPN from one organization to another organization using the Interorganization Transfer transactions

The transfer of an LPN from an LPN-enabled subinventory to a subinventory that's not LPN enabled implicitly unpacks the material in the destination subinventory.

1. In the Inventory Management mobile page, click the **Miscellaneous Transactions** task, and then select the organization that is LPN enabled.
2. Click the **Repack LPN** task to create repack LPN transaction.
3. Enter or scan the LPN barcode and click **Continue**.
4. Click **Transfer All** to transfer all the items to a new LPN at once.
5. Optionally, split the packed LPNs and transfer the items individually to new LPNs.
   a. Click the item card and provide the required item details, such as lot numbers, serial numbers etc.
   b. Enter the new LPN in the To LPN to split the LPNs, and then click **Submit**.

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Chapter 5
Single Level LPN Management

Related Topics

- How do I generate LPN labels?
- How do I enable LPN for Oracle Advanced Inventory Tasks?
- How do I perform inventory transactions using LPN?

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Chapter 6
Set Up Cross-Docking Notifications

6   Set Up Cross-Docking Notifications

How do I enable cross-docking notifications?

Use cross-docking to immediately sort, consolidate, and load items upon receving, for outbound staging area with minimal to no warehouse storage. Set up the Advanced Inventory Parameters task to enable cross-dock notifications for items where cross-docking suggestions are available.
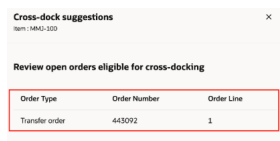
Here's how:

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization, and then click ✏️ .
3. Select **Enable cross dock notifications** checkbox, set up these fields as needed, and then click **Save**.
     - **Cross Dock Item Category** (Required).
     - **Demand Due Days**.
     - **Due Date Sort** (Ascending/Descending).
     - **Include backorders** checkbox.

How do I view the line items with cross-docking suggestions?

Notify users about the cross-docking opportunity to move goods to the outbound staging area to fulfill a demand order instead of putting goods away into the storage area.

Here's how:

1. In the Inventory Management work area, click 📋 , and then select Received Lines page.
2. Use in-app navigation to open the Awaiting Put Away page
3. Click **Filters** > **Additional Filters**.
4. Select **Show lines for cross-dock suggestions only**, and then click **See Results** to view item lines available for cross-dock suggestions.
5. Click ⊙ to view cross-dock suggestion details.

6. In the Inventory Management mobile work area, click **Put Away Goods** task.
7. Select the organization and click **Continue**.

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8. Select Put Away By as **Receipt** or **Item**.
9. Enter or scan the receipt or item number, and then click **Continue**.
10. Click the **Cross-docking suggestions available link** to instantly view the cross-dock suggestions and do as necessary.

Related Topics
- How do I enable cross-docking notifications?

How do I create nudges for cross-docking opportunities?

Notify users through email, sms, or both when a cross-docking opportunity is available for the lines awaiting put away.

Here's how:

1. In the Supply Chain Execution landing page, use quick actions menu to search for and select the **Nudge Configuration** task.
2. Click **Create** to add a new plan, and then click **Create Draft**.
3. In the **Nudges** section, click **Add** to create a new nudge.
4. Enter nudge details and click **Save**.
5. Click **Advanced** tab of the draft nudge plan.
6. In the **Recipient Groups** section, click **Add** to create a recipient group.
7. In the **Users** section, add users to the group.
8. In the new nudge page, add channels to send notifications through email, sms, or both to the intended recipient group.

    For email notifications, you can personalize the title and content of the message.
9. Click **Activate** to enable the nudge plan.

Related Topics
- How do I enable cross-docking notifications?
- How do I view the line items with cross-docking suggestions?

Oracle Fusion Cloud SCM
How do I set up Oracle Advanced Inventory Management?

Chapter 6
Set Up Cross-Docking Notifications

How do I regenerate cross-docking suggestions?

Use the Generate Cross-Dock and Put Away Suggestions scheduled process to regenerate cross-dock suggestions and nudges.

Here's how:

1. Click **Navigator** > **Tools** > **Scheduled Processes**.
2. On the Scheduled Processes Overview page, click **Schedule New Process** to
3. Leave the type as **Job**.
4. Search for and select the **Generate Cross-Dock and Put Away Suggestions** process.
5. Select the **Regenerate Suggestions** checkbox to override existing suggestions and generate new suggestions.

6. Click **Submit**.

Related Topics
- How do I enable cross-docking notifications?
- How do I view the line items with cross-docking suggestions?

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Chapter 6
Set Up Cross-Docking Notifications

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Chapter 7
Assign Load Number to Group Shipments

7 Assign Load Number to Group Shipments

How do I enable outbound loads for shipments and shipment lines?

Group shipments or shipment lines to be transported together to a specific customer or destination on the same transport carrier to maximize efficiency. Set up the Advanced Inventory Parameters task to enable outbound load creation.

Here's how:

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization and then click ✎ to select the **Enable outbound load creation** checkbox to create outbound loads.
3. Click **Save**.

How do I create outbound load to group shipments and shipment lines?

Create and assign an outbound load to a group of shipments or shipment lines, and transport your shipment together in a same container or truck.

Here's how:

1. In the Inventory Management work area, click ▤ , and then select **Outbound Shipments** task.
2. In the in-app navigation, select the Outbound Loads page, and then click **Create Load**.
3. Enter the details for the new load, and then click **Create**.

   > **Note:** If you don't provide a Load Name, the system automatically generates a unique load name for you.

4. Click **Add Line** to search for and select shipment lines and add them to the load.

   > **Note:** If the selected line is tied to a shipment or LPN, all associated lines are automatically added to the load.

5. Click **Shipments** tab, and then click **Add Shipments** to search for and select shipments to add to the load.

   All shipments lines within the selected shipment are added to the load.
6. Click **LPNs** tab. and then click **Add LPNs** to search for and select LPNs to add to the load.

   All shipment lines within the LPN are added to the load.

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Chapter 7
Assign Load Number to Group Shipments

Related Topics
- How do I enable outbound loads for shipments and shipment lines?
- How do I manage shipments and shipment lines for load numbers?

How do I manage shipments and shipment lines for load numbers?

After you add shipments or shipments lines to the load, use pick release to ship the load.

Here's how:

1. Pick release the load by using any of these:
   - Create a **New Pick Wave** where load name is added as a demand selection criterion.
   - Select the **Pick Release** action from the load header.
   - Select the individual shipment lines, and then click **Pick Release**.
2. Confirm the eligible load for shipping:
   a. In the **Outbound Loads** page, search for select the load to be shipped.
   b. Click ⋯ , and then select **Ship Confirm**.
   c. Optionally, open the load details page, and then click **Ship Confirm** to confirm all or individual lines.

Related Topics
- How do I enable outbound loads for shipments and shipment lines?
- How do I create outbound load to group shipments and shipment lines?

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Oracle Fusion Cloud SCM
How do I set up Oracle Advanced Inventory Management?

Chapter 8
Set Up Put Away Suggestions

8 Set Up Put Away Suggestions

How do I set up priority order for locations to enable put away suggestions?

Set up the system generated recommendations based on the priority order of your choice for optimal storage location for the received items instead of workers selecting locations to put away items randomly. Use the Advanced Inventory Parameters task to enable put away suggestions.

Here's how:

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization and then click ✏ .
3. Select the **Enable put away suggestions** checkbox, and then set priority 1 to priority 4 in a order of your choice.
   - A specific subinventory and locator (item transaction defaults).
   - Item subinventory and locator association.
   - A specific zone (defaulted from Item Category defined for Put Away activity of Zone definition).
   - Where on-hand already exists.
4. Click **Save**.

How do I manage put away when primary storage location for an item is full?

Specify the primary location where a warehouse operator should look to put goods away into storage and let the application suggest alternate storage locations if the primary location is full.

Configure a priority order for the application to determine the primary put away location for items including new options that don't rely on item transaction defaults.

The **Show Other Locations** button on the mobile inventory put away goods page lets your warehouse operators to view and select alternate storage locations if the primary storage location is full.

Here's how:

Note: The Suggest Put Away location feature is available only on a Mobile Put Away page, for the operators to look for suggestions while they're actively placing goods into storage locations.

1. In the Inventory Management mobile work area, click **Put Away Goods** task.
2. Select the organization, and then click **Continue**.
3. Select Put Away By as **Receipt**, enter the receipt number, and then click **Continue**.
4. Click the Item card to view the default subinventory and locator with highest priority.

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Chapter 8
Set Up Put Away Suggestions

5. If the default location is full, click **Show Other Locations** to view and select from alternative suggested locations.

6. Click **Put Away**.

Related Topics
- How do I set up priority order for locations to enable put away suggestions?
- How can I regenerate new put away suggestions?

How can I regenerate new put away suggestions?

Use the Generate Cross-Dock and Put Away Suggestions scheduled process to generate put away suggestions.

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Chapter 8
Set Up Put Away Suggestions

Here's how:

1. Click **Navigator** > **Tools** > **Scheduled Processes**.
2. On the Scheduled Processes Overview page, click **Schedule New Process** to
3. Leave the type as **Job**.
4. Search for and select the **Generate Cross-Dock and Put Away Suggestions** process.
5. Select the **Regenerate Suggestions** checkbox to override existing suggestions and generate new suggestions.

6. Click **Submit**.

Related Topics

- How do I set up priority order for locations to enable put away suggestions?
- How do I manage put away when primary storage location for an item is full?

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How do I set up Oracle Advanced Inventory Management?

Chapter 8
Set Up Put Away Suggestions

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How do I set up Oracle Advanced Inventory Management?

Chapter 9
Set Up Material Handling Equipment

9 Set Up Material Handling Equipment

How do I enable material handling equipment using delivery carts?

Use the Advanced Inventory Parameters task to enable material handling equipment. You can create receipt deliveries using autonomous guided robot where resupply or restocking of goods is immediate. For example, in a healthcare industry, prompt restocking or unintrrupted supply of frequently used items is crucial to achieve operational efficiency.

Here's how:

1. In Setup and Maintenance, search for and select **Advanced Inventory Parameters** task.
2. Select the organization, and then click ✏ .
3. Select the **Enable deliveries using cart** checkbox,
4. Click **Save**.

How do I enable autonomous delivery management to autocreate receipt deliveries?

Use the Receiving Parameters task to enable autocreate deliveries for expense destination and Periodic Automatic Replenishment (PAR) receipts.

The autonomous delivery speeds up the interorganization transfer to move material from sournce subinventory to a PAR location. For example, a healthcare industry where consumption of surgical material requires quick response time to replenish goods without any delay.

Here's how:

1. In Setup and Maintenance, search for and select **Receiving Parameters** task.
2. Select the organization, and then select one or both these parameters to enable autocreate receipt deliveries:
   - Autocreate deliveries for expense destination receipts
   - Autocreate deliveries for PAR location receipts
3. Click **Update**.

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Chapter 9
Set Up Material Handling Equipment

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How do I set up Oracle Advanced Inventory Management?

Chapter 10
Set Up Performance and Reward Plans

10 Set Up Performance and Reward Plans

How do I set up employee performance and rewards plan pages?

Use the Manage Inventory Profile Options task to enable performance and reward plans page.

For you to create employee peformance and reward plans page, you must have the required profile options code enabled.

Here's how:

1. In Setup and Maintenance, search for and select **Manage Inventory Profile Options** task.
2. On the Manage Inventory Profile Options page, search for and select these profile options code to enable individual tasks.
    a. ORA_INV_TASK_ASSIGNMENTS_AND_TASKS_REDWOOD_ENABLED - To open Task Assignments and Inventory Tasks UI.
    b. ORA_INV_TASK_PERFORMANCE_REDWOOD_ENABLED - To view task performance from Task Assignments UI.
    c. ORA_INV_MY_TASK_PERFORMANCE_REDWOOD_ENABLED - To view self performance from Inventory Tasks UI.
    d. ORA_INV_PERFORMANCE_AND_REWARD_PLANS_REDWOOD_ENABLED - To create performance and reward plan.
3. In the Profile Values section, set the **Site Level** to **Y**.
4. Click **Save and Close**. Changes in the profile value will take effect the next time users sign in.

How do I create employee performance and reward plans?

You as a warehouse manager, can monitor the overall performance of your warehouse staff to align your organization's operational KPIs with team goals. You can identify outstanding employees who have done exceeding well based on the defined performance standards, outline the areas of further improvements, and give incentives for their operational efficiency and productivity by offering reward points.

Here are some of the key benefits:

- Higher throughput and accuracy: Clear targets and feedback lift lines/hour while reducing mis-picks and rework.

- Lower operating costs: Fewer errors, returns, and overtime through focused coaching and balanced staffing.

- Stronger engagement and retention: Fair recognition, growth paths, and meaningful rewards.

- Better planning: Reliable metrics improve labor forecasting and shift planning, stabilizing service levels.

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Chapter 10
Set Up Performance and Reward Plans

- Continuous improvement: Data-driven reviews surface bottlenecks and training needs, compounding gains over time.

Create a new performance plan

Here's how:

1. In the Inventory Management work area, click ⊟ , and then select **Inventory Performance and Reward Plans** task.
2. Click **Create** and enter new plan details, such as name, type, frequency, and date.
3. You can set it as a default plan and also include all workers under this plan by selecting **Set as default plan** and **Include all workers** checkbox.
4. Click **Create**.

Define performance standards

Here's how:

1. In the new plan page, in the Performance standards section, click ⊞ Add .
2. Enter details to monitor efficiency and throughput. For example, the task you want to monitor and the applicability level, such as organization, subinventory, or zone level.
3. Click **Create**.
4. Assign workers list to specify individual workers or select zones to include all workers from those zones automatically.

Define reward criteria

Here's how:

1. In the new plan page, in the Reward criteria section, click ⊞ Add to define a new reward rule.
2. Select the activity type, and choose the level as organization, subinventory, or zone.
3. Define the rule condition to define **Throughput** and **Efficiency** metrics. For example, *Throughput = 200 tasks or Efficiency > 98%*.
4. Click **Save**.
5. Specify the reward points to be awarded if the worker meets the criteria.
6. If integrating with Oracle Celebrate, choose the Celebrate program.
7. Click **Activate** to execute the performance plan.

> **Note:** After you create and activate a performance plan, schedule the Perform Actions on Inventory Tasks scheduled process with the Action parameter set to Summarize Task Performance at an interval matching the plan's reporting frequency. For example, if you have Daily Plans, then run the scheduled process every day to summarize the previous day's performance, generate rewards, and display them as the current period's results. If you only have Weekly Plans, then run the scheduled process at the start of each week to summarize the previous week's performance and generate rewards.

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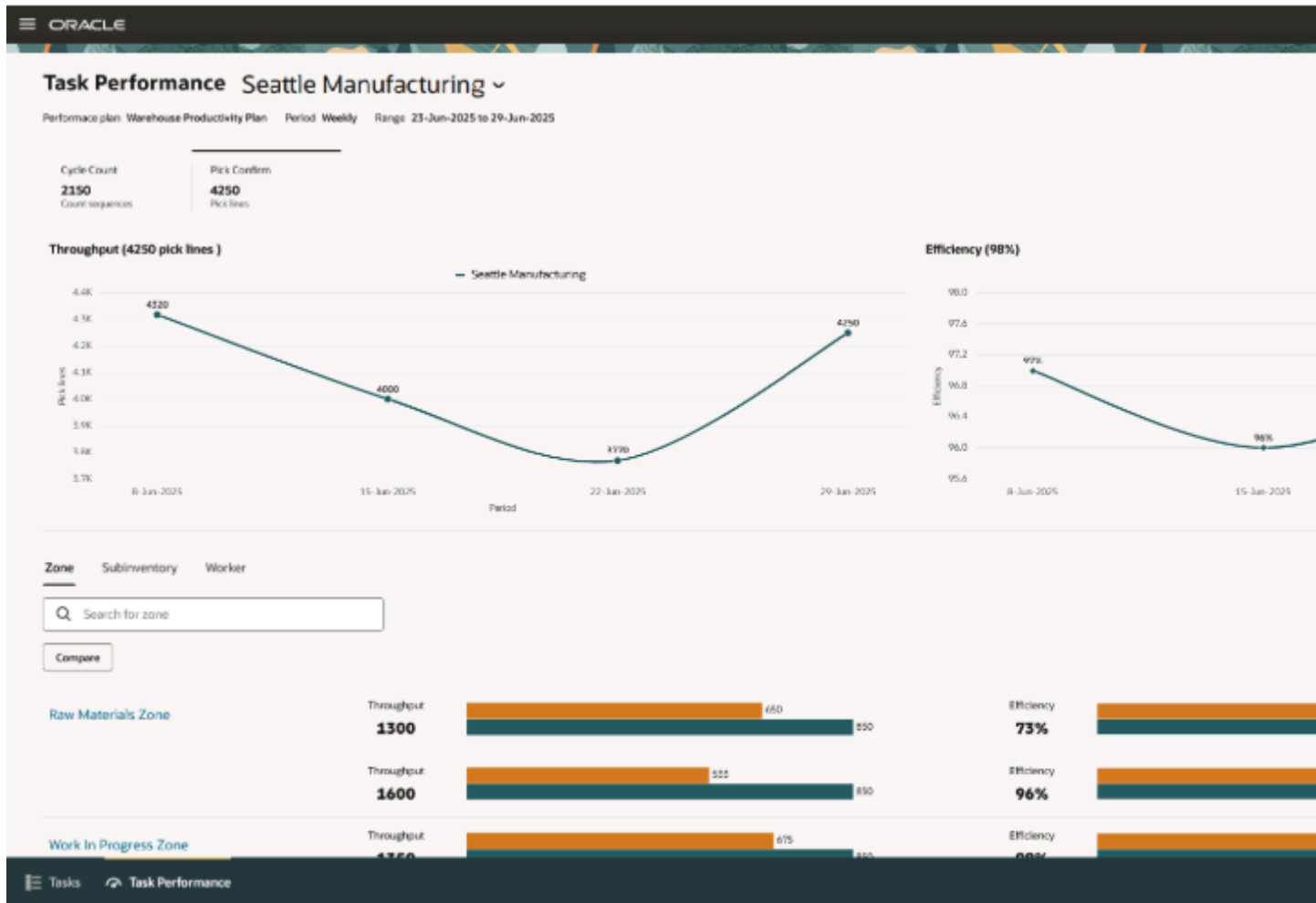
Chapter 10
Set Up Performance and Reward Plans

How do I track worker performance?

Use the Task Performance page to review worker productivity metrics for the assigned tasks.

Here's how:

1. In the Inventory Management work area, click ▤ , and then select Inventory Task Assignments page.

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2. In the in-app navigation, select the Task Performance page.

From here, you can view:

- ○ Throughput and efficiency of the organization, zones, subinventories, and workers.
- ○ Track throughput and efficiency trends for the last 4 periods of the selected plan.
- ○ Compare the performance of zones, subinventories, and workers against the organization's performance.
- ○ Compare performance between multiple zones, subinventories, or workers.
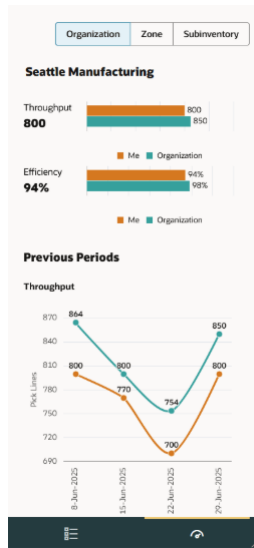- ○ Access the Oracle Celebrate page to view rewards earned by your team or direct reports.

How do I review my individual performance?

Use the Inventory Task mobile page to review your individual performance based on the defined performance plan and review criteria at the organization, zone, or subinventory level.

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Set Up Performance and Reward Plans

Here's how:

1. In the Inventory Execution work area or quick actions, select **Inventory Tasks**.
2. Search for and select the organization, and then click **Next**.

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Chapter 10
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3. Click the in-app navigation to switch to the My Performance tab.

From here, you can:

- ○ View your throughput and efficiency, and compare them to organizational averages.
- ○ Track your performance trends for the last 4 periods.
- ○ Navigate to the Oracle Celebrate page to view and redeem your rewards.

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